

OLESHCHENKO, V.I., inzh.; ZHELTORRYUKH, V.F., inzh.; MARKON, L.O., inzh.

Cabin made of glass-reinforced plastics for the T-74 tractor.
Mashinostroenie no.287-88 Mr.-Ap '65. (MIRA 18:6)

MARKON, Slavko

A glance at communications in National Liberation War. Telekomunikacije
10 no.4:1-3 0 '61.

1. Pomocnik generalnog direktora Zajednice JPPT i clan Redakcionog
odbora, "Telekomunikacije".

(Yugoslavia—World War, 1939-1945)
(Communication and traffic)

MARKON, Slavko

Diversion on the Zagreb telephone exchange. Tehnika Jug 16 no.12:
~~2211-2244~~ '61.

MARKONE MONOSTORY, Bernadett

Determination of cobalt solved in oxo products. Supplement Analitikai
Kozlemenyek 7 no.1:139-142 '61.

1. Magyar Asvanyolaj es Foldgaz Kiserleti Intezet.

NAGORNYY, A.I., kand. tekhn. nauk; BRAGIN, E.A., inzh.; MARFONOV, Yu.A., inzh.;
KULEMFIN, K.N., inzh.; BELOBORODOVA, S.S., inzh.

Effect of additives on the crystallization of molten metallurgical
slags and rock materials. Stok. 1 ker. 22 no. 3:9-11 Mr '65.

(MIRA 18:10)

1. Alma-Atinskiy gosudarstvennyy nauchno-issledovatel'skiy
institut stroitel'nykh materialov.

MARKOS, A.

Shelters in Homorodalmás, p. 437.

ETHNOGRAPHIA. (Magyar Néprajzi Társaság) Budapest, Hungary, Vol. 69, no. 3, 1958.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, no. 7, July 1959
undla.

MARKOS, Bela; MANYI SZABO, Istvan

Conducted tours to foreign countries in 1958. Stat szemle 37
no.5:551-553 My '59.

KOLACSEK, Andras, dr., adjunktus; MARKOS, Bela, dr., meghivott eloadó

Tourism in Hungary in 1963. Stat szemle 42 no.8/9:823-836
Ag-S '64.

1. Karl Marx University of Economic Sciences, Budapest.

MARKOS, Gyorgy; PECSI, Marton; SZABO, László; PAVLOV, L.I., [translator];
LAPONOGOV, I.S.; LEVINSON, V.G., redaktor fiziko-geograficheskoy
chasti; LATYSHEVA, I.S., redaktor; GERASIMOVA, Ye.S., tekhnicheskii
redaktor

[The geography of Hungary. Abridged translation from the Hungarian]
Geografiai Vengrii. Sokr. per. s vengerskogo L.I.Pavlova, Vstup.
stat'ia I.S.Laponogova, red. fiziko-geog. chasti V.G.Levinsona.
Moskva, Izd-vo inostr. lit-ry, 1954. 245 p. [Microfilm] (MLRA 8:3)
(Hungary--Geography)

MARKOS, Gyorgy

Biological observations in the "Lucs", an alpine quagmire in
the Hargita Mountains. Elovilag 8 no.1:36-39 Ja-F '63.

MARKOS, György

Remarks on the Cologne Congress of German Geographers. 1950. pp. 21.
and 13 pp. 1950. 4. 54. 1950.

KULCSAR, Andor, dr.; MARKOS, Gyorgy, dr.

Potentiated local anesthesia. Magy.sebeszet 13 no.1:70-75
P '60.

1. A Budapesti Orvostudományi Egyetem IV. sz. Sebeszeti Klinikájának
közleménye Igazgató: Kudasz József dr. egyetemi tanár.
(ANESTHESIA LOCAL)

LAKATOS, Maria, dr.; MARKOS, Gyorgyne

How can we improve with the aid of physical therapy functional conditions of tuberculous patients before pneumonectomy? Tuberkulozis 14 no.2:49-51 F '61.

1. Az Orszagos Koranyi Tbc Intezet (igazgato: Boszormenyi Miklos dr. kandidatus, tudomanyos vezetc: Foldes Istvan dr. kandidatus) kozlemenye.

(PNEUMONECTOMY) (PHYSICAL THERAPY)

PAPP, Sandor, dr.; MARKOS, Gyorgy, dr.; RANKY, Laszlo, dr.

Use of local cooling in the treatment of gangrene of the extremities.
Magy. sebeszet 14 no.2:65-69 Ap '61.

1. A budapesti Orvostudományi Egyetem IV. sz. Sebeszeti Klinikájának
közleménye igazgató: Kudasz József dr. egyetemi tanár.

(COLD ther) (GANGRENE ther) (LEG dis)

LOBLOVICS, Ivan, dr.; GOMORY, Andras, dr.; HUSVETI, Andor, dr.; KUDASZ, Jozsef, dr.; LENCZ, László, dr.; MARKOS, Gyorgy, dr.; PAPP, Sandor, dr.; SZABO, Zoltan, dr.; SZANTO, Katalin, dr.

Data on the organization of preoperative preparation in surgery performed with extracorporeal circulation. *Magy. sebeszet* 14 no.6:337-343 D '61.

1. A Budapesti Orvostudományi Egyetem IV sz. Sebeszeti Klinikájának közleménye.

(HEART MECHANICAL)

PAPP, Sandor, dr.; GOMORY, Andras, dr.; HUSVETI, Sandor, dr.; KUDASZ,
Jozsef, dr.; LENCZ, Laszlo, dr.; LOBLOVICS, Ivan, dr.; MARKOS, Gyorgy, dr.;
SZABO, Zoltan, dr.; SZANTO, Katalin, dr.

Management of patients during the first 24 hours after the use of
extracorporeal circulation. Magy. sebeszet 14 no.6:343-350 D '61.

1. A Budapesti Orvostudományi Egyetem IV sz. Sebeszeti Klinikájának
közleménye Igazgató: Kudasz József dr. egyetemi tanár.

(HEART MECHANICAL)

MARKOS, Gyorgy, dr.; LOHLOVICS, Ivan, dr.

Anesthesiology of infants with esophageal atresia. Orv. hetil. 102
no.27:1263-1265 2 Je '61.

1. Budapesti Orvostudományi Egyetem, IV Sebészeti Klinika.

(ESOPHAGUS abnorm)

(ANESTHESIA, GENERAL in infancy & childhood)

KUDASZ, Jozsef, dr.; GOMORY, Anadras, dr.; HUSVETI, Sandor, dr.; LENCZ, Laszlo, dr.; LOBLOVICS, Ivan, dr.; MARKOS, Gyorgy, dr.; PAPP, Sandor, Dr.; SZABO, Zoltan, dr.; SZANTO, Katalin, dr.

Experience with extracorporeal circulation in 1st 10 intracardiac operations. Orv. hetil. 102 no.48:2263-2268 26 N '61.

1. Budapesti Orvostudományi Egyetem IV Sebészeti Klinika.

(HEART MECHANICAL)

~~MARKOS~~, Gyorgy, dr.; GOMORY, Andras, dr.; HUSVETI, Sandor, dr.; KUDASZ, Jozsef, dr.; LENCZ, Laszlo, dr.; LOBLOVITS, Ivan, dr.; PAPP, Sandor, dr.; SZABO, Zoltan, dr.; SZANTO, Katalin, dr.

Blood coagulation regulation during extracorporeal circulation with protamine sulfate titration. Orv. hetil. 102 no.50:2366-2367 10 D '61.

1. Budapesti Orvostudományi Egyetem, IV sz. Sebészeti Klinika.

(BLOOD COAGULATION) (HEART MECHANICAL)
(SULFATES)

SZABO, Zoltan, dr.; GOMORY, Andras, dr.; HUSVETI, Sandor, dr.; KUDASZ, Jozsef, dr.
LENCZ, Laszlo, dr.; LOBLOVICS, Ivan, dr.; MARKOS, Gyorgy, dr.; PAPP,
Sandor, dr.; SZANTO, Katalin, dr.

Intra- and postoperative complications in surgery performed under
extracorporeal circulation. Orv. hetil. 103 no.14:638-643 Ap '62.

1. Budapesti Orvostudományi Egyetem, IV Sebészeti Klinika.

(HEART MECHANICAL)

L. LAKATOS, Maria, dr.; MARKOS, Gyorgyne, munkatars

Some frequent diaphragmatic lesions in phthisiology. Tuberkulozis 16
no.1:16-18 Ja '63.

1. Az Orszagos Koranyi TBC Intezet (igazgato: Boszormenyi Miklos dr.
kandidatus, tudomanyos vezeto: Foldes Istvan dr. kandidatus) kozlemenye.
(TUBERCULOSIS, PULMONARY) (DIAPHRAGM)
(PATHOLOGY)

L. LAKATOS, Maria, dr.; MARKOS, Gyorgyne, munkatars

Therapy of diaphragmatic lesions in the clinical management of pulmonary tuberculosis. Tuberkulozis 16 no.3:74-77 Mr '63.

1. Az Orszagos Koranyi Tbc Intezet (igazgato: Boszormenyi Miklos dr. kandidatus, tudomanyos vezeto: Foldes Istvan dr. kandidatus) kozlemenye.
(TUBERCULOSIS, PULMONARY) (DIAPHRAGM) (PREDNISOLONE)
(PLEURISY) (PULMONARY EMPHYSEMA) (RESPIRATION)
(PHYSICAL THERAPY) (ELECTROTHERAPY) (PHRENIC NERVE)

L. LAKATOS, Maria, dr.; MARKOS, Gyorgyne

Our experiences in the treatment of postoperative paradoxical diaphragmatic movement. Tuberkulozis 16 no.12:371-373 D '63.

1. Az Orszagos Koranyi Tbc Intezet igazgato: Boszormenyi Miklos dr. kandidatus; tudomanyos vezeto: Foldes Istvan dr. kandidatus' kozlemenye.

HUNGARY

HUSVETI, Sandor, Dr., BESZNYAK, Istvan, Dr., and MARKOS, Gyorgy, Dr.,
Fourth Surgical Clinic for Cardiac and Circulation Surgery at the
University for Medical Sciences (Orvostudományi Egyetem, IV. Sebészeti
Klinika, Szív- és Érsebészet) in Budapest (Director: KUDASZ, Jozsef, Dr.).

"Regional Perfusion Chemotherapy of Malignant Tumors"

Budapest, Orvosi Hetilap, Vol 107, No 28, 10 Jul 1966, pp 1313-1317.

Abstract: The authors describe their experiences with isolated regional perfusion. They discuss in detail regional chemotherapy by this technique in five cases involving malignant tumor localized in the lower extremity. The operational techniques, possible complications, and results obtained were presented in detail. 7 references, including 1 German, 1 Western, and 5 Hungarian. This article is a continuation of the papers published Ibid., Vol 106, 1965, p 821, and Vol 106, 1965, p 827.

"APPROVED FOR RELEASE: 09/19/2001

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APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001032420012-6"

MARKOS, Gyorgy, Prof. Dr.



JK

Geographic Institute of the Hungarian Academy of Sciences, Budapest

Berlin, Geographische Berichte, no. 20, November 1963, pp 225-245

"Changes in the Structure of Settlements in the Peoples' Republic of Hungary"

MARKOS, J.

"An Inquiry of the Scientific Association of Communication and Civil Engineering
Relative to Preventing Public Road Accidents." p. 415, (KOZLEKEDESTUDOMANYI SZEMLE,
Vol. 3, no. 11/12, Nov./Dec. 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954, Unclassified

MARKOS, J.

MARKOS, J. - Auto Motor- Vol. 8, no. 10, May 1955.

Conference on automobile repairs and on problems of quality. p. 3.
A "devil's kitchen" where wrecked automobiles are rebuilt miraculously. p. 5.
Right-hand rule of left-hand rule? p. 13.
Road for development is open for the Bp. Mate Zalka Sports Club. p. 15.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

MARKOS, J.

Falling asleep and accidents. p. 12
Statement on motor sports. p. 14
AUTO MOTOR (Koziekedesi Kiado) Budapest
Vo. 9, no. 7, Apr. 1956

Source: EEAL - LC Vol 5, No. 10 Oct. 1956

IMRE, Ivan, dr.; CSISZAR, Imre; MARKOS, Jeno, dr.

Relationship between vehicle drivers and passengers. Auto
motor 16 no.6:23-24 21 Mr '63.

MARKOS, Jeno, dr.

Debates on an international question as interpreted by
the Traffic Populations for Public Thoroughfares. Auto
motor 17 no.10.23 23 My'64.

MARKOS, Jozsef (Zalaegerszeg)

Only a ten-meter cable is necessary. Magy vasut 7 no.13:2
2 J1 '63.

FOLDVARY, Gyula, dr.; MARKOS, Katalin, dr.

Unusual developmental abnormality in the position of the heart.
Orv. hetil. 96 no.49:1369-1370 4 Dec 55.

1. A Komarommegyei Tanács Kórhaza (igazgató: Kabdéló József dr.)
Prosecturájának (főorvos: Szabo Zsolt dr.) és Szülészeti
Osztályának (főorvos: Róde György dr.) közleménye.
(CARDIOVASCULAR DEFECTS, CONGENITAL
ectopia cordis nuda thoracis, pathol. (Hun))

MARKOS, LASZLO

Az oxo szintezis; irodaimi összefoglalás.

Veszprem, Hungary, Magyar Asvanyolaj es Foldgaz Kiserleti Intezet.
1952, 25 p.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 6, June 1959
Uncl.

FARKAS, Istvan (Nagykanizsa, Ady Endre ut 2); MARKOS, Sandor, dr. (Madaras, Dozsa Gy. u.4)

Motorists' letters. Auto motor 15 no.22:8 21 N '62.

1. Gepkocsivezeto (for Farkas). 2. Korzeti orvos (for Markos).

MARKOSH, D.; PECHI, M.; SABO, L.

[The geography of Hungary; an abridged translation from the Hungarian] Geografia Vengrii; sokr.per. s vengerakogo. Moskva, Izd. inostr. lit., 1954. 246 p. (MLRA 8:2D)

MARKOSOV, I., inzh.-gidrotekhnik; SMIRNOV, V., inzh.-gidrotekhnik

Volga water goes to the Kalmyk Steppe. Sel'. stroi. 17 no.2:
3-4 F '63. (MIRA 16:3)
(Irrigation)

MARKOSOV, I.M., inzh.

Basin snow-water irrigation in the R.S.F.S.R.

Gidr. i mel. 17 no.12:1-9 D '65.

(MIRA 19:1)

1. Ministerstvo melioratsii i vodozashchity.

MARKOSOV, L.

Variable condenser of the "Primorets" pocket radio. V pom.
radioliub. no.14:63-66 '63. (MIRA 16:11)

22

Heat balance in cracking reactions. V. AMOSILOV AND K. MARCOV. *Anglo-Soviet Journal of Chemistry* 1930, No. 12, 83-7. —The work of Ryabukh (preceding abstr.) is criticized and a method recommended for calcg. cracking reactions is outlined. V. KALICHEVSKY

AND S. A. METALLURGICAL LITERATURE CLASSIFICATION

MAK SOV, P. 1.

"Certain Questions on the Separation of Hydrocarbon Gases." Cand. Sc. Sci.,
Inst of Petroleum, Acad Sci Azerba dz an SSR. Min Higher Education Sov, Azerb, 1971.
(IL, No 10, Mar 72)

So: Sum. No 1, 1971. Sect 5 - Survey of Scientific and Technical Discovered
Defended at USSR Higher Educational Institutions (1)

MARKOSOV, P.I.

✓ Mechanism of the reaction of alkylation of benzene by olefins in the presence of aluminum chloride. M. A. Dahn, P. I. Markosov, and R. I. Shenderova. *Voprosy Khim.* ~~1955, 31, 1017-1021; *Reaktionsschemata, Akad. Nauk S.S.S.R., Otdel. Khim. Nauk* 1955, 617-29.~~—Reaction of $AlCl_3$ with HPh in the presence of HCl , and with C_3H_6 in the presence of olefins, leads to formation of complexes, the decompos. of which with H_2O yields alkylated products. Under similar conditions, reaction of C_3H_6 with $AlCl_3$ in the presence of HCl does not form a complex, and under high temp. conditions there are formed substances which on hydrolysis yield tars. Thus, complex formation occurs by exchange of proton for a radical of alkyl type. The proportion of mono-, di- and polyalkylated derivs. in the complex depends on the compn. of the reaction mixt., indicating an equil. between the components used and the complex formed. The org. part of the complex is a mixt. of alkylated benzenes, and not merely the trialkylated material. Alkylation of C_3H_6 with propylene proceeds in 2 stages: addn. of olefin to the complex and exchange of the hydrocarbon fragment of the complex with the reactants. None of the existing theories cover the alkylation reaction in its complexity.

G. M. Kosolapoff

pm

Markosov, Petr Ivanovich

DALIN, Mark Aleksandrovich; MARKOSOV, Petr-Ivanovich; SHERIDEROVA, Roza
Isaakovna; PROKOV'YEVA, Tat'yana Vladimirovna; SHEMASTINA, Ye.V.
red.; SHPAK, Ye.G., tekhn.red.

[Alkylation of benzene by olefins] Alkilirovanie benzola olefinami.
Moskva, Gos.nauchno-tekhn.izd-vo khim.lit-ry, 1957. 117 p.
(Olefins) (Alkylation) (Benzene) (MIRA 11:2)

ZAYCHENKO, V.N.; LITYAYEVA, Z.A.; MARKOSOV, P.I.

Chromatographic determination of microimpurities of carbon monoxide, methane, and acetylene in ethylene used for the production of polyethylene. Azerb.khim.zhur. no.6:127-135 '61. (MIRA 15:5)
(Ethylene) (Polyethylene)

s/032/61/027/003/006/025
B101/B203

AUTHORS: Markosov, P. I., Zaychenko, V. N., and Litvayeva, Z. A.
TITLE: Determination of carbon monoxide microimpurities in ethylene
PERIODICAL: Zavodskaya laboratoriya, v. 27, no. 3, 1961, 285-287

TEXT: Industrial concentrated ethylene should not contain more than one-thousandth percent parts of carbon monoxide. A chromatographic method was developed to determine CO in C_2H_4 . The Soviet XT 2M (KbT-2M) chromatograph is used. 0.1-0.5 l of the gas to be analysed are adsorbed on AP-3 (AR-3) activated carbon. Fractional desorption of components by the passing-through of air follows. The easily volatile impurities are separated out without heating. In the chromatogram, the CO appears between H_2 and CH_4 . After the separation of CH_4 , the chromatographic column is heated to desorb C_2H_4 and C_2H_6 . Fig. 1 shows chromatograms, Fig. 2 the calibration curve plotted by means of samples with added known CO content. 100 ml of the gas to be analysed is passed through 10 g of activated carbon at a rate of 1 l/min.
Card 1/4

S/032/61/027/003/004/005
B101/B203

Determination of ...

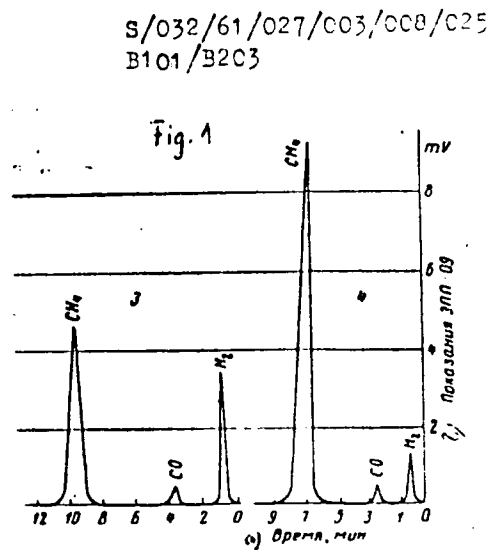
of 4-5 ml/min. 15 min after the passage of gas, air is sent through at a rate of 50 ml/min. The analysis becomes more accurate by passing 350 ml of gas (instead of 150 ml) through the chromatographic column. The areas of the CC peaks are proportional to the CC content. Under constant description conditions, the quantitative determination of impurities may also be done according to the height of peaks. There are 2 figures and 1 table.

ASSOCIATION: Krasnodarskiy filial Vsesoyuznogo nauchno-issledovatel'skogo neftegazovogo instituta (Krasnodar Branch of the All-Union Scientific Research Institute of Petroleum and Gas)

Card 2/4

Determination of ...

Legend to Fig. 1: Chromatograms of ethylene with different contents of carbon monoxide. 3) 0.004% CO, gas volume 150 ml; 4) 0.002% CO, gas volume 350 ml; a) time, min; b) indication of the ЭПП-09 (EPP-09) recorder.

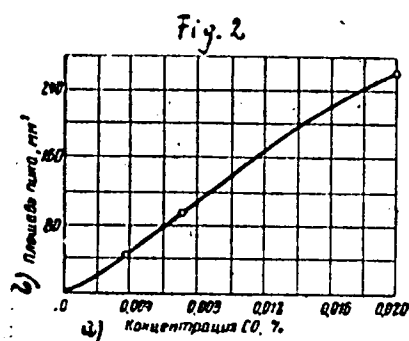


Card 3/4

Determination of ...

S/032/61/027/003/008/025
B101/B203

Legend to Fig. 2: Calibration curve.
a) Concentration; b) peak area, mm^2 .



Card 4/4

DALIN, M.A., BORCO, B.G., G.P., V.I., MEKOROV, I.I., KONE, I.I.,
Prinimal'noye ime. A.P.M. VA, Z.D., TANIVANTO, K.I.,
LARKIVANTO, I.I., MEKOROV, Ye.N., NEMCHIK, I.G.

Low temperature pyrolysis of pyrolysis gas on a solid phase
column. In: Zhurnal khimicheskoy fiziki, 1964, No. 12, p. 2164.
(M.I.A. 1964)

MARKOSOVA, M. I.

The nature of cyclohexane homologs contained in the "nomenaphthene" fraction of Surakhanskii benzine. B. A. Kazanski and M. I. Markosova. *J. Gen. Chem.* (U. S. S. R.), 38, 884 (1966). Cyclohexane homologs contained in the fraction b. 115-125° of Surakhanskii benzine were investigated. This fraction includes the "octanaphthenes," b. 119° (Markovnikov and Oglobin, *J. Russ. Phys.-Chem. Soc.* 18, 227, 307 (1903)) and "heptanaphthenes," b. 122-4° (Patsinskii, *J. Russ. Phys.-Chem. Soc.* 18, 256 (1906)). The 2 are derived from the Baku naphtha and analysed for nearly $C_{16}H_{34}$. After the usual purification with concd. H_2SO_4 , the product was dehydrogenated at 300-10° with $NiO \cdot Al_2O_3$ (cf. C. A. 18, 2895). The catalyst, b. 97-137°, n_D^{20} 1.4305, d_4^{20} 0.770, contained 23% aromatic hydrocarbons. The latter were extd. with 45% fuming H_2SO_4 , and the ext. was hydrolyzed at 170° with superheated steam. The distillate was washed with Na_2CO_3 , dried and fractionated over Na. The fraction b. 130-42° was oxidized with $KMnO_4$ at 95° (Ullmann, *Ber.* 36, 1708 (1903)), giving 70% isophthalic acid and α -phthalic and terephthalic acids. Thus the cyclohexane homologs consist chiefly of 1,2- and some 1,4-dimethylcyclohexane. The nature of cyclohexane homologs contained in the "nomenaphthene" fraction of Baku petroleum. B. A. Kazanski and M. I. Eliseeva. *Ibid.* 38, 91. The fraction b. 135-8° sepd. from Baku naphtha, identical with the "nomenaphthenes" of the compn. $C_{16}H_{34}$, obtained by Markovnikov and Oglobin (*loc. cit.*), was examd. by the method described above. The cyclohexane homologs identified are: ethylcyclohexane, b. 132°, 1,2-dimethylcyclohexane, b. 128°, 1,3-dimethylcyclohexane, b. 121-2°, 1-methyl-2-ethylcyclohexane, b. 152°, 1-methyl-3-ethylcyclohexane, b. 146° and 1,2,4-trimethylcyclohexane, b. 143°.

Chas. Blum

MARKUSOVA, M. I.

PLATE 1 D-XR REPRODUCTION

Integrated. **Vasopressin** **machino-100** **advised** **the** **institute** **statel** **the** **blog**
machino

MARKOSOVA, N.M. (Moskva)

Experiments on ultrasonics. Fiz.v shkole 22 no.6:47-49 M-D '62.
(MIRA 16:2)

(Ultrasonics--Experiments)

MARKOSOVA, N.M. (Moskva)

Demonstrating the use of ultrasonics. Fiz.v shkole 23
no.1:42-45 Ja-F '63. (MIRA 16:4)
(Ultrasonic waves---Industrial applications)

KOCHEROV, N.P.; FELDORENKO, N.P.; MARKOSOVA, N.M.

Economics of the production of impact resistant polystyrene plastics.
Plast. massy no.4:1-4 '65. (MIRA 18:6)

L 02342-67 EWP(k)/ENT(1)/T

ACC NR: AR6025727

SOURCE CODE: UR/0058/66/000/004/A008/A008

AUTHOR: Markosova, N. M.

TITLE: Experiments demonstrating the wave properties of ultrasound

SOURCE: Ref. zh. Fizika, Abs. 4A106

REF. SOURCE: Sb. Primeneniye ul'traakust. k issled. veshchestva. Vyp. 19. M., 1964, 67-74

TOPIC TAGS: acoustic measurement, ultrasonic wave propagation, acoustic equipment, optic method

ABSTRACT: To demonstrate standing waves, reflection, interference, refraction, focusing, and diffraction, apparatus is used consisting of a light source, a condenser, a diaphragm, an objective, a quartz crystal in a holder, a lens, and a projection screen, mounted on an optical bench in the usual sequence; the quartz crystal is placed in a transparent rectangular cuvette filled with liquid. The same installation can be used to set up laboratory experiments on the determination of the velocity of ultrasound in liquids. B. V. [Translation of abstract].

SUB CODE: 20

ms
Cord 1/1

114

The action of adrenaline and of pituitrin on the chromasy
of the motor centers of the cerebral cortex. I. G. Kovy-
rev and A. A. Markosyan. *Bull. biol. med. expil. U. R.*
S. S. 4, 32-4 (1937); *Chem. Zentr.* 1939. 1, 4804.—Intra-
venous injection of adrenaline or pituitrin produced a
definite reduction in the excitability of the cerebral cortex.
M. G. Moore

ASD-SLA METALLURGICAL LITERATURE CLASSIFICATION

1900-1910 1911-1920 1921-1930 1931-1940 1941-1950 1951-1960 1961-1970 1971-1980 1981-1990 1991-2000

1900-1910 1911-1920 1921-1930 1931-1940 1941-1950 1951-1960 1961-1970 1971-1980 1981-1990 1991-2000

CA

11F

Pharmacological analysis of physiologically active substances which are formed during excitation of the brain.
A. A. Markosyan. *Bull. biol. med. expil. U. R. S. S. S.* 5, 277 (1958); *Chem. Zentr.* 1959, 1, 1390. — By the method of crossed perfusion it was shown that during stimulation of the brain of a dog substances were formed which changed the chronaxy (quickness of reaction) of the brain of a 2nd dog in the same manner as acetylcholine.
M. G. Moore

430.514 METALLURGICAL LITERATURE CLASSIFICATION

The influence of choline and acetylcholine on the chronaxia of the motor zone of the brain cortex. A. A. Markovskiy, *Iz Vyssh. Nerv. S.R.S.R.* 24, 462 (1961) (Engl. transl.).

TITLE: The intracerebral injection of 5-10 mg of choline (0.5-1.0 mg/kg wt.) or 25 μ g of acetylcholine 10 into the jugular vein, or carotid artery led, in 20-25 min. and 10-40 min., resp., to a considerable shortening of the chronaxia of the motor zone of the brain cortex. Large doses (over 25 μ g/kg wt.) of I produced a sharp lengthening of the chronaxia. S. A. Kamala.

11 H

Analysis of the functional role of acetylcholine in electrotonus of the central nervous system. A. A. Markovskii and G. I. Rachkovskii (Lening Pedagogical Inst., Moscow). *Izv. Akad. Nauk SSSR Biol. Med.* 14, No. 10, 41-5 (1942).

Experiments were performed with spinal frogs employing nonpolarizable electrodes using the latent period of the flexion reflex of the leg as indicator of change in central excitability. Eserine, prostigmine, and atropine were applied locally to the spinal cord. It was found that an ascending current increased the latent period while a descending current decreased it. Eserine and prostigmine caused the anelectrotonic prolongation of reflex time to disappear while further enhancing the cathelectrotonic decrease. In several expts. after eserization a sharp increase in latent period was observed on applying the descending current. Atropine produced a complete disappearance of the changes in latent period produced by anelectrotonus or cathelectrotonus. The observations are related to possible changes in acetylcholine concn. under the electrodes. Eugene Roberts.

ASD S.A. DETAIL LITERATURE CLASSIFICATION

ARRESTED, ...

He ...

Normal ... ; ... , ... , 191.

Monty , ...

MARKOSYAN, A.A.

[I.P.Pavlov's work on the circulation of the blood] Raboty I.P.
Pavlova po krovoobrashcheniu. Moskva, Izd-vo Akademii pedagogiche-
skikh nauk RSFSR, 1951. 35 p. (MIRA 11:2)
(PAVLOV, IVAN PETROVICH, 1849-1936)
(BLOOD--CIRCULATION)

MARKOSYAN, A. A.

**Pavlov's investigations in the field of digestion. Feldsher
& akush. no.7:6-13 July 1951. (CML 21:1)**

MARKOSYAN, A.A.

I.P. Pavlov's investigations in the physiology of digestion. Feld-
sher & akush. No.8:8-14; contd. Aug 51. (CML 21:1)

MARKOSYAN, A. A.

I. P. Pavlov's investigation in the field of digestion. Feldsher
& akush., Moskva no. 9:10-14 Sept. 1951. (CLML 21:3)

1. Author has title of Docent.

MARKOSYAN, A.A.

I. P. Pavlov's investigation in the field of blood circulation.
Feldsher & akush, Moskva no. 10:11-7 Oct. 1951. (CLML 21:3)

MARKOSYAN, A. A

I. P. Pavlov's investigation in the field of blood circulation.
Feldsher & akush, Moskva no. 11:13-20 Nov. 1951. (CJML 21:3)

MARKOSYAN, A.A.

[I.P.Pavlov's studies in the fields of blood circulation and digestion] Issle-
dovaniia I.P.Pavlova v oblasti krovoobrashcheniia i pishchevarenii. Moskva,
Izd-vo Akademii pedagog. nauk RSFSR, 1953. 95 p. (MLRA 6:10)
(Pavlov, Ivan Petrovich, 1849-1936) (Digestion) (Blood--Circulation)

ANTROPOVA, M.V., kandidat meditsinskikh nauk; MARKUSYAN, A.A., direktor.

Discussion on the time devoted to homework by upper class students. Pedia-
trika no.2:45-51 Mr-Apr '53. (MLRA 6:5)

1. Nauchno-issledovatel'skiy institut fizicheskogo vospitaniya i shkol'noy
gigieny Akademii pedagogicheskikh nauk RSFSR. (Education) (Fatigue, Mental)

MARKOSYAN, A.A.

Conditioned reflex modifications of blood coagulation. Zhur.vys.
nerv.deiat. 3 no.6:911-918 N-D '53. (MLRA 7:5)

1. Institut fizicheskogo vospitaniya i shkol'noy gigiyeny APN.
(BLOOD COAGULATION,
*conditioned reflex modifications.
(REFLEX, CONDITIONED,
*modifications of blood coagulation)

MARKOSYAN, A.A.

[Normal physiology; a textbook] Normal'naya fiziologiya; uchebnik.
Izd. 3., perer. Moskva, Medgiz, 1954. 383 p. (MLRA 8:2)
(Physiology)

MARKOSYAN, A. A.

Myogenic thrombocytosis. Teor. i prak.fiz.kult. 18 no.10:776-780 '55.

1. Institut fizicheskogo vospitaniya i shkol'noy gigiyeny APN RSFSR
(BLOOD PLATELETS,
thrombocytosis, myogenic)
(MUSCLES, physiology,
myogenic thrombocytosis)

MARKOSYAN, A.A.

Our heart. Zdorov'e 2 no.1:9-11 Ja '56.

(MLRA 9:3)

1. Chlen-korrespondent Akademii pedagogicheskikh nauk RSFSR.
(HEART)

Author : KOUR
 Category : Farm Animals. The Honeybee. 9-5
 Abs. Jour : RZBiol., No. 4, 1959, pp. 15771
 Author : Markosyan, A. A.
 Institution : Armenian Scientific Research Institute of
 The Effect on bees when Cotton Plant is Treated with DNE by Using the Aerosol method.
 Orig. Pub. : Byull. nauchno-tekhn. Inform. ARM. s.-1. 1959, No 3, 46-48
 Abstract : The treatment of the cotton plant with a 3 percent solution of DNE in diesel fuel (5-6 liters, hectare) with the use of aerosol machines proved harmless to bees from the practical point of view. It is recommended that if an aerosol machine operator on crops near an apiary, one close the bee-entrances until the fumes have disappeared.

Ann: 177
 *Agriculture.

MARKOSYAN, A.A.

Respiration. Zdorov'e 3 no.3:9-11 Mr '57 (MLRA 10:4)

1. Chlen-korrespondent Akademii pedagogicheskikh nauk RSFSR.
(RESPIRATION)

EXCERPTA MEDICA Ser 2 Vol 12/2 Physiology Feb 59

803. RELATIONSHIPS BETWEEN SIGNAL SYSTEMS IN THE PROCESSES OF BLOOD COAGULATION (Russian text) - Markosyan A. A. Inst. of Phys. Upbringing, Moscow - ZH.VYSSH.NERV.DEYAT. 1958, 8, 2 (161-167) Tables 5
The data obtained show that corticalization comprises to an equal degree both the phylogenetically young and older processes. The perfect cortical control of the blood coagulation time points to a profound influence of the cortex on intimate biochemical processes. The evolutionally young 2nd signal system exerts a regulating influence on the phylogenetically old and biochemically complex processes of blood coagulation.

USSR/Human and Animal Physiology (Normal and Pathological)
Physiology of Work and Sport

T

Abs Jour : Ref ZhurBiol,, No 6, 1959, 27173

Author : Golovina, L.A., Ivanova, M.F., Markosyan, A.A.

Inst : Academy of Pedagogical Sciences RSFSR

Title : Shifts in Conditioned-Reflex Activity of Young Sportsmen
under Influence of Competition.

Orig Pub : Izv. Akad. ped. nauk RSFSR, 1958, vyp. 93, 159-166

Abstract : No abstract.

Card 1/1

- 167 -

MARKOSYAN, A.A.

Characteristics of blood coagulation during the action of pain
stimuli. *Fiziol.zhur.* 45 no.10:1229-1235 0 '59. (MIRA 13:21

1. Nauchno-issledovatel'skiy institut fizicheskogo vospitaniya i
shkol'noy gigiyeny Akademii pedagogicheskikh nauk RSFSR, Moskva.
(BLOOD COAGULATION physiol.)
(PAIN exper.)

MARKOSYAN, A.A. (Moskva)

New coagulation factors of blood. Usp.sovr.biol. 48 no.2:186-206
S-O '59. (MIRA 13:3)
(BLOOD COAGULATION)

MARKOSIAN, Akop Artashesovich; POLEZHAYEV, Ye.P., red.; LAUT, V.G.,
tekhn.red.

[Nervous regulation of blood coagulation] Nervnaya regulatsiya
svertyvaniya krovi. Moskva, Izd-vo Akad.pedagog.nauk RSPSR,
1960. 375 p. (MIRA 13:5)

(BLOOD--COAGULATION)

MARKOSYAN, A.A., FROL'KIS, V.V., MARKAROVA, A.F., CHAGOVETS, N.R., SHAMRAY, YE.F.

"Determining the vitamin requirements of athletes and their utilization
for increasing athletic work capacity."

Report submitted for the 13th Intl. Congress of Sports Medicine
Moscow July-Aug 1961

KABANOV, Aleksandr Nikolayevich, doktor meditsinskikh nauk;
MARKOSYAN, Akop Artashesovich, doktor biolog, nauk;
FARFEL', Vladimir Solomonovich, doktor biolog. nauk;
BOGORAD, V.B., red.; NEKHLYUDOVA, A.S., red.; JAVCHENKO,
Ye.V., tekhn. red.

[Life and the structure of the human body] Zhizn' i stroenie
chelovecheskogo organizma. Moskva, Izd-vo "Znanie," 1961. 34 p.
(Narodnyi universitet kul'tury: Estestvennonauchnyi fakul'tet,
no.17) (MIRA 15:1)

(BODY, HUMAN)

MARKOSYAN, A.A.; YAKUNIN, G.A.

Effect of excitation of the cerebral cortex and reticular formation on the rate of blood coagulation, factor V content and change in the electrical activity of the brain. Fiziol. zhur. 48 no.3:271-278 Mr '62. (MIRA 15:4)

1. Nauchno-issledovatel'skiy institut fizicheskogo vospitaniya i shkol'noy gigiyeny Akademii pedagogicheskikh nauk RSFSR, Moskva.
(CEREBRAL CORTEX) (BLOOD--COAGULATION)
(ELECTROENCEPHALOGRAPHY)

MARKOSYAN, A.A., red.; TARASOVA, K.V., red.; GOVORKOVA, A.F., red.;
NOVOSELOVA, V.V., tekhn.red.

[Transactions of the Fifth Scientific Conference on Age-Related
Morphology, Physiology, and Biochemistry] Trudy Piatoi nauchnoi
konferentsii po vozrastnoi morfologii, fiziologii i biokhimi.
Pod red. A.A.Markosiana. Moskva, Izd-vo Akad.nauk RSFSR, 1962.
557 p. (MIRA 16:3)

1. Nauchnaya konferentsiya po vozrastnoy morfologii, fiziologii
i biokhimi. 5th, 1961. 2. Chlen-korrespondent Akademii
pedagogicheskikh nauk RSFSR (for Markosyan).
(ANATOMY, HUMAN--CONGRESSES) (PHYSIOLOGY--CONGRESSES)
(ONTOGENY--CONGRESSES)

MARKOSYAN, A.A.; MARDZHANYAN, G.M., kand. biolog. nauk; KARYAN, A.A., aspirant; SHARAFUTDINOV, Sh.A.; RASULOV, F.K.; SVANIDZE, N.V., starshiy nauchnyy sotrudnik; RABINOVICH, I.M., starshiy nauchnyy sotrudnik; DERYABIN, V.I.; SULEYMANOV, I., mladshiy nauchnyy sotrudnik; SHEVTSOV, S.I., starshiy nauchnyy sotrudnik (TSelinnyy kray)

From the practices in the use of poisonous chemicals. Zashch. rast.
ot vred. i bol. 9 no.9:21-23 '64. (MIRA 17:11)

1. Armyanskiy institut zemledeliya (for Markosyan, Mardzhanyan, Karyan).
2. Sredneaziatskiy institut zashchity rasteniy (for Sharafutdinov, Rasulov).
3. Zakavkazskaya opytnaya stantsiya Vsesoyuznogo nauchno-issledovatel'skogo instituta lekarstvennykh i aromaticeskikh rasteniy (for Svanidze, Rabinovich).
4. Zaveduyushchiy otdelom zashchity rasteniy Samarkandskoy opytной stantsii (for Deryabin).
5. Samarkandskaya opytnaya stantsiya (for Suleymanov).

Country : USSR
Category : F-1000
Doc. Jour : 1000000000, 1000, 74169
Author : Markosyan, A.A.
Institut. :
Title : How to Prevent Poisoning of Bees by the DDT Preparation.
Orig. Pub. : Avustani kollektsekan, 1957, No 3, 37-40
Abstract : No abstract.

Word: 1/1

MARKOSYAN, A. A.; MARKOSYAN, Zh. K., kand. biolog. nauk

Effect of aerosols on bees. Zashch. rast. ot vred. 1 bol. 5
no.5:39 My '60. (MIRA 16:1)

1. Starshiy zootekhnik Upravleniya pchelovodstva Ministerstva
sel'skogo khozyaystva Armysanskoy SSR (for A. A. Markosyan).

(Bees, Effect of spraying and dusting on)

MARKOSYAN, A. A. Cand Biol. Sci. -- (diss) "Study of the biological bases of protecting bees from poisoning by pesticides." Yerevan, 1960, 30 pp, (Moscow Higher and Secondary Specialized Education, USSR. Yerevan State Univ), 150 copies, (KL, 31-60, 141)

LOMAZOVA, Kh.D.; MARKOSYAN, A.A.

Reflex mechanism of the heparin effect. Biul. eksp. biol. i
med. 57 no.2:20-23 F '64. (MIRA 17:9)

1. Laboratoriya vozrastnoy fiziologii Instituta fizicheskogo
vospitaniya i shkol'noy gigiyeny (dir, - prof. A.A.Markosyan)
Akademii pedagogicheskikh nauk RSFSR. Predstavlena deystvitel'ny
chlenom AMN SSSR V.V.Parinym.

MARKOSYAN, Akop Artashesovich; CHUMAK, V.I., red.

[Physiology] Fiziologiya. 5. izd., perer. Moskva,
Meditsina, 1965. 409 p. (MIRA 18:4)

MARDZHANYAN, G.M.; ASATRYAN, E.V.; MARKOSYAN, A.A.; UST'YAN, A.K.;
AVRAMENKO, I.D., kand. biolog. nauk (Gomel'); MISKO, L.A.;
AGAFONOVA, Z.Ya., kand. biolog. nauk; ABBASOV, Ya.M., mladshiy
nauchnyy sotrudnik; SADYKHOV, D.M., aspirant

Brief information. Zashch. rast. ot vred. i bol. 8 no.10:
55-57 0 '63. (MIRA 17:6)

1. Armyskiy institut zemledeliya (for Mardzhanyan, Asatryan,
Markosyan, Ust'yan). 2. Poltavskiy sel'skokhozyaystvennyy
institut (for Misko). 3. Kurskaya sel'skokhozyaystvennaya
opytnaya stantsiya (for Agafonova). 4. Azerbaydzhanskiy
nauchno-issledovatel'skiy institut khlopkovodstva, Kirovabad
(for Abbasov). 5. Vsesoyuznyy institut zashchity rasteniy (for
Sadykhov).

MARKOSYAN, A.A.; IOMADOVA, Z.H.; MELAI'NIKOVA, I.M. (Markva)

Neurohumoral regulation of the biosynthesis of blood coagulation and anticoagulation factors in the liver. Pat. fiziol. i terap. 7 no.6:53-57 N-D '63. (M.R.A. 12,72)

1. Iz Instituta fiziologiy i fiziologii i fiziologii fiziologii (direktor - korespondent Akademii pedagogicheskikh nauk RSFSR A.A. Markosyan) Akademii pedagogicheskikh nauk RSFSR.

PANUCYAN, A.K.; MUKHIDZHANYAN, Ya.I.; KARINIAN, A.A.; MAMADYAN, A.A.

Achievements of biological sciences in Soviet Armenia.
Iz ist.est.i tekhn. zhizn. nauch.

MARKOSYAN, A. F.

Markosyan, A. F. "Biology of the garpargin of Levansky lake," Trudy Kavkazsk. gidrobiol. stantsii, Vol. X, 1948, p. 51-54 - Res. in the garpargin lake - Bibliog: 2 items

SO: U-3264, 10 April 53, (Letopis 'Zhurnal 'nykh. tatey, No. 4, 1949).

MARKOSYAN, A.K.

Distribution and biomass of characean algae and moss in Lake Sevan,
Trudy Sevan.gidrobiol.sta. 12:29-33 '51. (MLRA 9:8)
(Sevan, Lake--Stoneworts)

MARKOSYAN, A.K.; CHIKOVA, V.M.

Carp of Arpalich Lake. Trudy Sevan.gidrobiol.sta. 14:197-208 '55.
(MLRA 9:8)

(Arpalich Lake--Carp)

MARKOSYAN, A.K.
MARKOSYAN, A.K.

Achievements of hydrobiological and ichthyological research in
Armenia during the past 40 years. Izv. AN Arm. SSR. Biol. i sel'khoz.
nauki 11 no.1:3-12 Ja '58. (MIRA 11:2)

1. Sevanskaya gidrobiologicheskaya stantsiya.
(Sevan, Lake--Fresh-water biology)

L 64440-65

ACCESSION NR: AP5016830

UR/0298/65/018/005/0003/0008

AUTHOR: Markosyan, A. K.

TITLE: Certain changes produced by the declining level of Lake Sevan

SOURCE: AN ArmSSR. Izvestiya. Biologicheskiye nauki, v. 18, no. 5, 1965, 3-8

TOPIC TAGS: fresh water, hydrographic survey, biology, botany

ABSTRACT: The article is written in Armenian and has the following summary in Russian. 1) The decreased volume of water has reduced the depth but has not greatly changed the area of the lake bottom due to its unusual relief. 2) At present, Big Sevan and Little Sevan differ greatly from one another in several abiotic factors and in biology. 3) Significant changes in heat balance have led to frequent periods of ice floe stoppages. 4) Water clearness has decreased by two times. 5) Oxidizability and the level of basic biogenic elements in the water have increased. 6) New forms of algae have appeared in the phytoplankton composition, and its biomass has increased by 1.5 to 2 times. 7) Development of vegetation at the lake bottom has been

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ACCESSION NR: AP5016830

greatly reduced. 8) Lake bottom flora and fauna have changed. With complete stabilization of Lake Sevan's water level, gradual restoration of the litoral zone and its plant and animal life is expected. In addition to other factors and intensive fish breeding measures, higher fish industry productivity is anticipated. Orig. art. has: None.

ASSOCIATION: None.

SUBMITTED: 22Mar65

ENCL: 00

SUB CODE: E5, L5

NR REF SOV: 000

OTHER: 000

Card

281
2/2